

CLEAN COPY OF AMENDED CLAIMS



Please amend claims 2 - 5, 8, 11- 16, 23, and 29 as follows:

2. The isolated nucleic acid of claim 1, wherein said nucleotide sequence encodes a human Tcl-1b protein having amino acid sequence SEQ ID NO:39 from amino acid number 1 to 128.

A3 3. An isolated nucleic acid of not more than 50 kilobases which contains a contiguous sequence of at least 18 nucleotides encoding a Tcl-1b protein fragment.

4. An isolated nucleic acid of not more than 50 kilobases which contains a contiguous sequence of at least 18 nucleotides of the sequence depicted in SEQ ID NO: 40.

5. The isolated nucleic acid of claim 1, comprising nucleotide sequence SEQ ID NO:38 from nucleotide number 1 to 1152.

A4 8. An isolated nucleic acid, comprising a sequence encoding a fragment of a protein having an amino acid sequence of at least 10 amino acids, sharing at least 70% amino acid sequence homology to at least 25 contiguous amino acids of SEQ ID NO:39 from amino acid number 1 to 128.

A5 10. A host cell that contains said recombinant DNA vector of claim 9.

11. The recombinant DNA vector of claim 9, wherein the nucleotide sequence encodes a human Tcl-1b protein having amino acid sequence SEQ ID NO:39 from amino acid number 1 to 128.

12. An isolated nucleic acid of not more than 50 kilobases which contains a contiguous sequence of at least 50 nucleotides of SEQ ID NO: 40.

13. An isolated nucleic acid that is capable of hybridizing under stringent conditions to a nucleotide sequence that is complementary to the cDNA sequence of SEQ ID NO:38, said nucleic acid containing a contiguous sequence of at least 25 nucleotides of SEQ ID NO:38.

14. An isolated nucleic acid that is capable of hybridizing under stringent conditions to a nucleotide sequence that is complementary to a cDNA sequence that encodes a Tcl-1b protein, which protein has an amino acid sequence of SEQ ID NO:39, and said nucleic acid containing a contiguous sequence of at least 25 nucleotides of SEQ ID NO:38.

A6

15. An antisense molecule, comprising a nucleotide sequence complementary to at least fifteen nucleotides of coding sequence of a Tcl-1b mRNA, which forms a stable duplex *in vivo* with hybridizable a Tcl-1b mRNA.

16. The antisense molecule of claim 15, wherein said nucleotide sequence is complementary to at least fifteen nucleotides of the sequence depicted in SEQ. ID. NO: 38.

A7

23. A host cell that contains a recombinant vector comprising a nucleic acid that is capable of hybridizing under stringent conditions to a nucleotide sequence that is complementary to a cDNA sequence that encodes a Tcl-1b protein, which protein has the amino acid sequence of SEQ ID NO:39, said nucleic acid

A7

containing a contiguous sequence of at least 25 nucleotides of SEQ
ID NO:38.

A8

29. A diagnostic kit, comprising in one or more containers, a pair of primers, each having at least 15-25 nucleotides, in which at least one of said primers is hybridizable, under stringent conditions, to SEQ. ID. NO: 38 or its complement and wherein said primers are capable of priming DNA synthesis in a nucleic acid amplification reaction.
